INFORMATION DISCLOSURE STATEMENT BY APPLICANT

PTO/SB/08 (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Substitute for form 1449/PTO

Complete If known Filing Date October 3, 2003 **First Named Inventor** Edward R. Kraft **Art Unit** Not yet assigned R.Mitra **Examiner Name**

(use as many sheets as necessary)

Sheet of 5 **Attorney Docket Number** ERK/001

		U.S	. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/RM/		Re. 37,796	07-23-2002	Henley	
		4,702,732	10-27-1987	Powers et al.	
		4,786,277	11-22-1988	Powers et al.	
		4,886,489	12-12-1989	Jacobsen et al.	
		4,931,046	06-05-1990	Newman	
		4,940,456	07-10-1990	Sibalis et al.	
		5,016,615	05-21-1991	Driller et al.	
		5,047,007	09-10-1991	McNichols et al.	
		5,084,008	01-28-1992	Phipps	
		5,115,805	05-26-1992	Bommannan et al.	
		5,135,480	08-04-1992	Bannon et al.	
		5,156,846	10-20-1992	Petersen et al.	
		5,167,616	12-01-1992	Haak et al.	
		5,203,768	04-20-1993	Haak et al.	
		5,221,254	06-22-1993	Phipps	
		5,224,927	07-06-1993	Tapper	
		5,231,975	08-03-1993	Bommannan et al.	
		5,258,453	11-02-1993	Kopecek et al.	
		5,306,235	04-26-1994	Haynes	
		5,306,485	04-26-1994	Robinson et al.	
	•	5,322,502	06-21-1994	Theeuwes et al.	
		5,323,769	06-28-1994	Bommannan et al.	
		5,362,308	11-08-1994	Chien et al.	
		5,403,275	04-04-1995	Phipps	
		5,421,816	06-06-1995	Lipkovker	
		5,423,739	06-13-1995	Phipps et al.	
		5,426,387	06-20-1995	Teillaud et al.	
		5,464,387	11-07-1995	Haak et al.	
		5,527,797	06-18-1998	Eisenberg et al.	
/RM/		5,533,971	07-09-1996	Phipps	

Examiner Signature	/Rita Mitra/	Date Considered	03/19/2007	
-----------------------	--------------	--------------------	------------	--

All References Have Been Considered:

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitu	ute for for	m 1449/PT	О	Complete	e if known
				Application Number	10/679,112
INFO	DRMAT	ION DIS	CLOSURE	Filing Date	October 3, 2003
STATEMENT BY APPLICANT		First Named Inventor	Edward R. Kraft		
0.7			LIOAIII	Art Unit	1050
(use	(use as many sheets as necessary)		Examiner Name	Edward R. Kraft R. Mitra	
Sheet	2	of	5	Attorney Docket Number	ERK/001

	U.	S. PATENT DO	CUMENTS	
	Document Number			
/RM/	5,540,654	07-30-1996	Riviere et al.	
	5,573,503	11-12-1996	Untereker et al.	
	5,591,124	01-07-1997	Phipps	
	5,617,851	04-08-1997	Lipkovker	
	5,636,632	06-10-1997	Bommannan et al.	
	5,637,084	06-10-1997	Kontturi et al.	
	5,667,487	09-16-1997	Henley	
	5,668,120	09-16-1997	Shinoda et al.	
	5,668,170	09-16-1997	Gyory	
	5,693,010	12-02-1997	Ledger et al.	
	5,698,207	12-16-1997	Staats	
	5,700,481	12-23-1997	lga et al.	
	5,736,580	04-07-1998	Huntington et al.	
	5,749,847	05-12-1998	Zewert et al.	
	5,771,890	06-30-1998	Tamada	
	5,811,465	09-22-1998	Huntington et al.	
	5,814,599	09-29-1998	Mitragotri et al.	
	5,843,014	12-01-1998	Lattin et al.	
	5,861,439	01-19-1999	Gyory et al.	
	5,908,400	06-01-1999	Higo et al.	
	5,947,921	09-07-1999	Johnson et al.	
	5,954,675	09-21-1999	Dellagatta	
	5,961,483	10-05-1999	Chien et al.	
	5,968,006	10-19-1999	Hofmann	
	6,002,961	12-14-1999	Mitragotri et al.	•
	6,004,309	12-21-1999	Phipps	
	6,009,345	12-28-1999	Hofmann	
	6,018,678	01-25-2000	Mitragotri et al.	
	6,023,629	02-08-2000	Tamada	
	6,024,717	02-15-2000	Ball et al.	
/RM/	6,024,968	02-15-2000	Sueess et al.	

Examiner Signature /Rita Mitra/	Date Considered	03/19/2007	
---------------------------------	--------------------	------------	--

All References Have Been Considered:

11 4

^{*}EXAMINER: trittal if reference considered, whether or not diation is in conformance with MPEP 609. Draw line through diation if not in conformance and not considered, include copy of this form with next communication to applicant.

*Applicant's unique diation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language translation is attached.

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitu	ute for form	1449/PT	0	Complet	e if known
				Application Number	10/679,112
INFO	DRMATIC	ON DISC	CLOSURE	Filing Date	October 3, 2003
			PLICANT	First Named Inventor	Edward R. Kraft
				Art Unit	1098 1656 .
(use	as many s	heets as	necessary)	Examiner Name	Edward R. Kreft R. Mitra
Sheet	3	of	5	Attorney Docket Number	ERK/001

	U.	S. PATENT DO	CUMENTS	
/RM/	Document Number			
	6,030,374	02-29-2000	McDaniel	
	6,041,253	03-21-2000	Kost et al.	
	6,048,545	04-11-2000	Keller et al.	
	6,057,374	05-02-2000	Huntington et al.	
	6,059,736	05-09-2000	Tapper	
	6,083,190	07-04-2000	Gyory et al.	
	6,085,115	07-04-2000	Weaver et al.	
	6,139,537	10-31-2000	Tapper	·
	6,148,231	11-14-2000	Henley	
	6,142,939	11-07-2000	Epstein et al.	
	6,162,211	12-19-2000	Tankovich et al.	
	6,167,301	12-26-2000	Flower et al.	
	6,167,302	12-26-2000	Millot	
	6,168,587	01-02-2001	Bellhouse et al.	
	6,190,315	02-20-2001	Kost et al.	·
	6,216,033	04-10-2001	Southam et al.	
	6,234,990	05-22-2001	Rowe et al.	
	6,235,013	05-22-2001	Tapper	
	6,235,381	05-29-2001	Tapper	
	6,251,099	06-26-2001	Kollias et al.	
	6,283,956	09-04-2001	McDaniel	
	6,289,241	09-11-2001	Phipps	
	6,295,469	09-25-2001	Linkwitz et al.	
	6,322,532	11-27-532	D'Sa et al.	
	6,324,424	11-27-2001	Ledger et al.	
	6,379,324	04-30-2002	Gartstein et al.	·
	6,385,487	05-07-2002	Henley	
	6,387,089	05-14-2002	Kreindel et al.	
	6,391,643	05-21-2002	Chen et al.	
	6,398,753	06-04-2002	McDaniel	
/RM/	6,402,732	06-11-2002	Flower et al.	

Examiner /Rita Mitra/	Date Considered	03/19/2007
-----------------------	--------------------	------------

All References Have Been Considered:

EXAMINER: Initial if reference considered, whether or not distion is in conformance with MPEP 609. Draw line through distion if not in conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique clation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. Applicant is to place a check mark here if English language translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitu	ite for form 14	49/PT	0	Complet	e if known
				Application Number	10/679,112
INFO	DRMATION	DIS	CLOSURE	Filing Date	October 3, 2003
	TEMENT E			First Named Inventor	Edward R. Kraft
			LIOAM	Art Unit	1638 1656
(use	as many she	ets as	necessary)	Examiner Name	Edward R. Kraft R. Mitra
Sheet	4	of	5	Attorney Docket Number	ERK/001

	U.S. PATENT DOCUMENTS				
	Document Number				
/RM/	6,421,561	07-16-2002	Morris		
1	6,425,892	07-30-2002	Southam et al.		
	6,491,657	12-10-2002	Rowe et al.		
/RM/	2002/197262	12-26-2002	Hasan et al.		

		FORE	IGN PATENT	OCUMENTS	_		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant		
lnitials	No.1	Country Code 1 - NUTTIDET ² - Kins Code ²	MM-DD-YYYY	Applicant of Cited Documents	Passages or Relevant Figures Appear	T ⁴	
/RM/		Europe	09-11-2002	EP 1 238 651			
		Europe	09-03-2003	EP 1 340 520			
-		Ocimany	00-12-2002	DE 102-08-678	No English	Abs	rac
		Japan	09-05-2000	JP 2000237230			
		PCT	07-21-1994	WO 94/15666			
		PCT	07-09-1992	WO 92/10995			
		PCT	01-22-1998	WO 98/02138			
		PCT	05-14-1998	WO 98/19652			
		PCT	06-24-1999	WO 99/30705			
		PCT	10-11-2001	WO 01/74811			
		PCT	03-21-2002	WO 02/22120			
		PCT	10-24-2002	WO 02/083088			
/RM/		PCT	12-19-2002	WO 02/100326			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁴
/RM/		Banga, A.K. Dr., "Drug Delivery Today", <u>Business Briefing: Pharmatech</u> , 2002, pp. 150-153.	
7		Datyo A K et al. TiO Photocatalysts For The Treatment of Hazardous Waste: The Introde	mpl
/RM/		Huang et al., "The Study of the Photokinetic effect and Mechanism of Ultrafine Ti02 Particles on U937 Cells", J. of Photochemistry and Photobiology-A Chemistry, Vol. 108, 1997, pp. 229-233.	

Examiner Signature	/Rita Mitra/	Date Considered	03/19/2007

All References Have Been Considered:

^{*}EXAMINER: tritial if reference considered, whether or not distion is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (options). See Kinds Codes of USPTO Patent Occurrents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *I Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO			· ·	Complete if known		
Subsut	0.6 101 10			Application Number	10/679,112	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			CLOSURE	Filing Date	October 3, 2003	
				First Named Inventor	Edward R. Kraft	•
STATEMENT BY APPLICANT		Art Unit	4638 1656			
(use	e as many sl	heets as	necessary)	Examiner Name	Edward R. Kraft	R.Mitr
Sheet	5	of	5	Attorney Docket Number	ERK/001	

•		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1		
/RM/		Jiang, F. N, et al., "Enhanced Photodynamic Killing of Terget Cells by Either Monoclonal Antibody or Low Density Lipoprotein Mediated Delivery Systems", <u>Journal of Controlled Release, Elsevier Science Publishers B.V. Amsterdam, NL</u> , Vol. 19, No. 1/3. Idea T. "A Declared Monocloro Injection Technologies". Incomplete citation	
Ŧ		Kost J. "Ulimsound and Transdomal Transport for Daug Delivery and Discussion", Bron Bullion, pp. 186.200 incomplete citation	
		McNeil, L.E. et al., "Orientation Dependence in Near-Field Scattering from TiO ₂ Particles", <u>Applied</u> Optics, Vol. 40, No. 22, August 1, 2001, pp. 3726-3738.	
/RM/		Panchagnula, R., "Transdermal Delivery of Drugs", <u>Indian Journal of Pharmacology</u> , 29, 1997, pp. 140-	

Examiner Signature	/Rita Mitra/	Date Considered	. 03/19/2007

All References Have Been Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Onew line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique disting designation number (optional). See Minds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the Involetter code (MPDO Standard ST.3). For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language translation is attached: